

LDWSF  
12.3.54 v7

SECOND SUPPLEMENTAL  
ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants:

The environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

At 5975 East Marginal Way South:

Replacement Concrete Batch Plant and Construct Additional Aggregate Storage Bins with conveying system.

At 6333 First Avenue South:

Remodel 3,120 SF inside the existing warehouse as a office/wholesale space.

Complete the paving between Slip 2 and the existing warehouse.

2. Name of applicant: Pioneer Construction Materials Company

3. Address and phone number of applicant and contact person:

Mr. Leonard Conpher  
5975 East Marginal Way South  
Seattle Washington 98134  
(206) 764-3000

4. Date checklist prepared: 23 June 1986

5. Agency requesting checklist: City of Seattle

6. Proposed timing or schedule (including phasing, if applicable):

The paving north of the warehouse and the installation of the mobile batch plant would occur as soon as the permits are approved. Construction of the remainder of the facilities would start approximately 30 July 1986 with completion around 1 January 1987.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal?  
If yes, explain.

No

RECEIVED

JUN 23 1986

DEPT OF CONSTRUCTION & LAND USE  
LAND USE DIVISION

USEPA SF



1316441



Do you know any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

The information contained in the following sections is intended to supplement the environmental checklist prepared for this project on 16 April 1986 and the first supplemental checklist dated 22 May 1986.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

10. List any government approvals or permits that will be needed for your proposal, if known.

DCLU Shoreline Substantial Development Permit  
DCLU Master Use Permit  
Puget Sound Air Pollution Control Authority Notice of Construction  
City of Seattle Building Permit  
Demolition Permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Project involves the following elements:

- Approximately 17,558 S.F. of paving between Slip 2 and the existing warehouse.
- Placement and operation of a mobile concrete batch plant.
- Replacement of an existing concrete batch plant with a new unit.
- Construction of new aggregate storage bins.
- Construction of new aggregate conveyor systems. The new conveyors will connect into the existing ones and be used to transfer material to the new storage bins and from the bins to the new concrete batch plant.
- Construction of new underground aggregate reclaim conveyor. These conveyors will allow the material in the storage bins to be reclaimed onto a conveyor belt and elevated to the conveyor system used to transfer the material to the new concrete batch plant.
- Modernization of an existing bagging plant.
- Demolition of a one story shop building, the existing batch plant, and 230 feet of overhead conveyors.
- Addition of a two story office/wholesale building to the existing warehouse.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

5975 East Marginal Way, South, Seattle, Washington 98134  
Section 19, Southeast Quarter, Township 24 N, Range 4E WM  
Section 30, Northeast Quarter, Township 24 N, Range 4E WM  
King County

6333 First Avenue South, Seattle, Washington 98134  
Section 19, Southeast Quarter, Township 24 N, Range 4E WM  
Section 30, Northeast Quarter, Township 24 N, Range 4E WM  
King County

## B. ENVIRONMENTAL ELEMENTS

### 1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other \_\_\_\_\_

b. What is the steepest slope on the site (approximate percent slope)? \_\_\_\_\_

The site is generally flat (approx. 1/2 %). At the water's edge the bank slopes up at about 30 degrees to the top of slope.



What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

The site consists of alluvial deposits from the Duwamish; primarily sand and clayey silt.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

None anticipated beyond backfill for new foundations and maintenance of chuck holes. The area between the existing warehouse and Slip 2 will be sloped towards existing catch basins to improve the site drainage.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

No.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Approximately 62.9 % of the site will be covered with impervious surfaces. This project will add approximately 17,558 S.F. of paving between Slip 2 and the existing warehouse. A curb will be formed between the edge of the paving and the top of the bank forming Slip 2. The curb will be held back six inches from the top of the bank and at least six inches from existing natural vegetation.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

None anticipated.

## B. ENVIRONMENTAL ELEMENTS

### 3. Water

#### a. Surface:

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

Potentially, yes. Sand and cement dust has the potential of being carried into the Duwamish Waterway by water runoff from rain or from the use of various hoses on the site. Pioneer Construction Materials Company will incorporate the necessary measures into their design to minimize such discharges. (See 3.d. below.)



## c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Four locations have been identified as places where sand and cement can enter the Duwamish Waterway as the result of storm water runoff or from the runoff from the use of various hoses on the site:

- a) The drain holes under the ecology block casting area.
- b) Along a swale which drains a low spot in front of the laborer's dry shack.
- c) Through a small catch basin located near the office building.
- d) Through a small catch basin located near the truck maintenance shop.

Additionally, the proposed paving includes a continuous curb which, once installed along the border of the adjacent Slip, will channel runoff into the storm sewer system.

## 2) Could waste materials enter ground or surface waters? If so, generally describe.

Not anticipated. An existing truck wash area will be used to clean concrete trucks. Waste material will be recovered in forms used to cast ecology blocks of concrete. The majority of fugitive material will be clean, natural sand and aggregate material used for the mixing of concrete. New parking areas will be a minimum of fifty feet from the top of the adjacent waterway bank.

## d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

The runoff from all of these areas will be diverted from the waterway and routed into the plant's truck wash collection system or suitably treated prior to being deposited into the sewer system. This will prevent sand, cement and any accidental spills from entering the Duwamish.

## C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Leonard A. Rempfer

Date Submitted: .....23 June 1986.....



ANDREA BEATTY RINIKER  
Director



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

4350 - 150th Ave. N.E. • Redmond, Washington 98052-5301 • (206) 885-1900

June 18, 1986

Mr. Ron Summers  
Pioneer Construction Materials Co.  
5975 E. Marginal Way  
Seattle, WA. 98134

Dear Mr. Summers:

In a phone conversation on May 12, 1986 you indicated that Pioneer Construction Materials would eliminate discharges to the Duwamish River to negate the need of obtaining a NPDES permit. It has also been more than 30 days since the Department of Ecology transmitted to you a NPDES permit application on May 2, 1986.

For the file, provide in writing a statement affirming that discharges to the Duwamish River will be eliminated. Further, please describe the plan of attack to eliminate the discharges including a schedule. Please comment on both a interim plan and the final plan to be incorporated in the new facility construction.

If you have any questions regarding this element of the permit process please call Richard Koch at 885-1900.

Sincerely

A handwritten signature in cursive script that reads "Richard Koch".

Richard Koch  
District Engineer  
Environmental Quality



June 19, 1986

Memorandum: to file  
From: Richard Koch  
Subject: Pioneer NPDES permit

Ron Summers indicated in a phone call on May 12, 1986, 11:45 am that Pioneer Construction materials would seek to eliminate the discharges to the Duwamish River noted in Ecology's letter to Pioneer and thereby avoid the need of an NPDES permit.

Pioneer would institute temporary discharge controls and as part of the new construction incorporate the changes for a long term solution.

New construction is necessary to up grade the facility and also provide capacity to sell the plant on Harbor Island and on Fairview Ave



Seattle  
Department of Construction and Land Use

Holly Miller, Director  
Charles Royer, Mayor



RECEIVED  
JUN 5 1986  
DEPT. OF ECOLOGY

Re: Pioneer Construction Materials Co.  
5975 East Marginal Way South  
Master Use Permit Application No. 8600636

Richard Koch  
District Engineer  
Environmental Quality  
Department of Ecology  
State of Washington  
4350 150th Avenue N. E.  
Redmond, Washington 98052-5301

Dear Mr. Koch:

Enclosed is a copy of the supplemental environmental checklist provided by the applicant in response to my May 6, 1986 request.

As we agreed, I would appreciate your review and comment regarding the applicant's proposal for collecting and treating runoff from the site.

Please contact me at 625-4509, if you have any questions or suggestions.

Sincerely,

HOLLY MILLER  
Director

By 

Jim Barnes  
Land Use Specialist

JAB:mer

Enclosure



"Imagineering A Better World"



**PIONEER CONSTRUCTION  
MATERIALS CO.**

Division of Riedel International, Inc.

Seattle Office  
P.O. Box 1730  
Seattle, Wash. 98111  
(206) 622-2900

Portland Warehouse  
3506 SW Bond  
Portland, Ore. 97201  
(503) 227-6090

88052301

23 May 1986

RECEIVED

JUN 2 1986

CITY OF SEATTLE  
Department of Construction and Land Use  
Room 408  
Municipal Building  
Seattle, Washington 98104

DEPT OF CONSTRUCTION & LAND USE  
LAND USE DIVISION

ATTN: Mr. Jim Barnes

SUBJECT: Replies to Land Use Correction Sheet

PROJECT NUMBER: 8600636

Dear Jim:

The following numbered paragraphs address the issues in your Land Use Correction Sheet dated 6 May 1986. I have enclosed a copy of the correction sheet for your use.

1. COMMENT: Runoff from rain water and from hoses may cause the discharge of pollutants and toxic materials into the Duwamish Waterway.

REPLY: Attached is a supplemental environmental checklist which discusses the potential for such runoff. Pioneer will deal with the problem as follows:

- A. The runoff from the ecology block forms will be channeled into the plant's truck wash collection system.
- B. The swale draining the low spot in front of the laborer's dry shack will be channeled into the plant's truck wash collection system.
- C. The catch basin located near the office building and the one located near the truck maintenance shop will be diverted to flow into the plant's truck wash collection system.

"Helping Build the West . . . and Beyond"

CALIFORNIA LAUNCH SERVICES CORP.  
ENVIRONMENTAL EMERGENCY SERVICES CO.  
LONGVIEW CONCRETE CO.  
PIONEER CONSTRUCTION MATERIALS CO.  
RIEDEL ENVIRONMENTAL SERVICES CO.  
WESTERN MARINE BRAZIL LTDA

WESTERN-PACIFIC CONSTRUCTION MATERIALS CO.  
WESTERN-PACIFIC DREDGING CO.  
WESTERN-PACIFIC DRILLING CO.  
WESTERN-PACIFIC ERECTORS

WESTERN-PACIFIC MARINE SERVICES CO.  
WESTERN-PACIFIC PILEDIVING CO.  
WESTERN TUG & BARGE CORP.  
WILLAMETTE TUG & BARGE CO.  
WILLAMETTE-WESTERN CO.  
WORLD SECURITY SERVICES CO.



D. All new parking areas will be a minimum of fifty feet from the top of the bank of the nearest waterway-(either the Duwamish or Slip 2). The southern bank of Slip 2 will be lined with a curb formed by concrete ecology blocks to help prevent any storm water runoff from draining across any of the new parking areas and into Slip 2.

2. COMMENT: The Key Map on the drawings must be amended to reflect the new property and buildings. (Reference: K. Hamner's Correction Sheet dated 14 February 1986.)

REPLY: Shortly after receipt of the 14 February Correction Sheet, a revised site plan which included a Key Map was submitted to DCLU. When the project scope was amended on 1 May 1986, eight sets of revised drawings were submitted. Drawing Nr. D-86 988 006 (Revision B) has a new Key Map that includes the new property and the building addition.

3. COMMENT: Can the shoreline be cleaned up as part of the new project?

REPLY: Pioneer would be willing to commit to cleaning up the adjacent shoreline and removing any foreign material or debris that is present. However, this does not appear feasible as the Corps of Engineers has indicated that any work on the bank beyond this effort would require a Corps of Engineer's Section 10 Permit and a Washington State Hydraulic Project Approval.

4. COMMENT: The Seattle Engineering Department is concerned about the possibility that trucks waiting for their load of concrete would back up onto East Marginal Way South.

REPLY: This issue has been addressed in the supplemental environmental checklist. In general, the site can accommodate more trucks than it is presently handling. The new facility will result in an increase in the capacity of the plant to produce concrete. The ability to load the concrete trucks faster should decrease the amount of time a truck would be required to wait on the site.



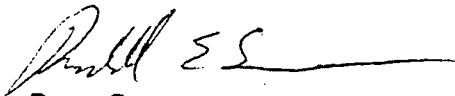
88052301  
City of Seattle, DCLU  
Page 3

The supplemental environmental checklist is enclosed for your use. Please contact Mr. William Vlcek at Swan Wooster Engineering (451-9535) if you have any questions about these issues.

Thank you for your assistance.

Sincerely,

PIONEER CONSTRUCTION MATERIALS COMPANY

A handwritten signature in dark ink, appearing to read "Ron Summers", followed by a horizontal line.

Ron Summers  
Plant Manager

Encl: Supplemental Environmental Checklist  
Copy of Land Use Correction Sheet



# SUPPLEMENTAL ENVIRONMENTAL CHECKLIST

## Purpose of Checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

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## Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

## A. BACKGROUND

### 1. Name of proposed project, if applicable:

At 5975 East Marginal Way South:

Replacement Concrete Batch Plant and Construct Additional Aggregate Storage Bins with conveying system.

At 6333 First Avenue South:

Remodel 3,120 SF inside the existing warehouse as a office/wholesale space.

### 2. Name of applicant: Pioneer Construction Materials Company

### 3. Address and phone number of applicant and contact person:

Mr. Ron Summers  
5975 East Marginal Way South  
Seattle Washington 98134  
(206) 764-3000

### 4. Date checklist prepared: 22 May 1986

### 5. Agency requesting checklist: City of Seattle

### 6. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

The information contained in the following sections is intended to supplement the environmental checklist prepared for this project on 16 April 1986.

## B. ENVIRONMENTAL ELEMENTS

### 3. Water

#### a. Surface:

#### 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

Potentially, yes. Sand and cement dust has the potential of being carried into the Duwamish Waterway by water runoff from rain or from the use of various hoses on the site. Pioneer Construction Materials Company will incorporate the necessary measures into their design to minimize such discharges. (See 3.d. below.)



c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Four locations have been identified as places where sand and cement can enter the Duwamish Waterway as the result of storm water runoff or from the runoff from the use of various hoses on the site:

- a) The drain holes under the ecology block casting area.
- b) Along a swale which drains a low spot in front of the laborer's dry shack.
- c) Through a small catch basin located near the office building.
- d) Through a small catch basin located near the truck maintenance shop.

2) Could waste materials enter ground or surface waters? If so, generally describe.

Not anticipated. An existing truck wash area will be used to clean concrete trucks. Waste material will be recovered in forms used to cast ecology blocks of concrete. The majority of fugitive material will be clean, natural sand and aggregate material used for the mixing of concrete. New parking areas will be a minimum of fifty feet from the top of the adjacent waterway bank.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

The runoff from all of these areas will be diverted from the waterway and routed into the plant's truck wash collection system. This will prevent sand, cement and any accidental spills from entering the Duwamish.

14. Transportation

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Approximately 214 truck deliveries (28 ton capacity) will occur each 12 hour work day. Seventy-five personal vehicles will arrive and depart from the plant each day including customers and workers. Peak hours would be in the morning between the hours of 7 A.M. and 11 A.M.

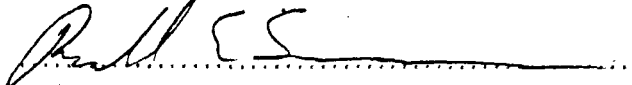
Current plant operations have not resulted in the backup of trucks onto city streets. There is sufficient room on the site for the cement trucks to queue while waiting for their load. The new facility will result in an increase in the capacity of the plant to produce concrete. The ability to load the concrete trucks faster should decrease the amount of time a truck would be required to wait on the site.

g. Proposed measures to reduce or control transportation impacts, if any:

None required.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Date Submitted: .....22 May 1986.....



CITY OF SEATTLE—DEPARTMENT OF CONSTRUCTION  
AND LAND USE

LAND USE CORRECTION SHEET

RECEIVED

At 5975 East Marginal Way So.

☐ Zoning/Land Use Code 5 1986  
☒ Land Use Review DEPT. OF ECOLOGY  
☐ OTHER

9600636 Date of Application Revised 5-1-86  
Project Number

Mail Corr. Sheet to:

Bill Vleck  
Address: Suan Wooster Engineers  
9 Lake Bellevue Dr. Suite 118  
Bellevue, WA Zip 98005

Checked by:

Jim Barnes Date 5-6-86

Phone 625-4509

NOTE: Your plans have been reviewed for compliance with the Land Use/Zoning code and ALL SETS OF PLANS HAVE BEEN PLACED ON HOLD pending the resolution of the corrections listed below. It has been determined that the corrections necessary are significant and to avoid duplicate reviews, no sets of plans will be routed for further plans examination until zoning/land use corrections are made. Meetings with Zoning Plans Examiners or Land Use Specialists to discuss the corrections may be made BY APPOINTMENT ONLY. Call the phone number listed above to schedule an appointment.

To avoid delays of your project, you may pick up your plans for corrections at room 408 Municipal Building. It is the responsibility of the applicant to make all corrections in INK or with replacement sheets, (no pencil corrections will be accepted) and return the plans for further processing.

1. I have received the attached documents. (METRO letter dated 3-19-86 and DOE letter dated 6-5-86) regarding runoff and potential discharge of pollutants and toxic materials to the Duwamish. Please address this issue in a supplement to your Environmental Checklist. I will forward your response to these agencies for their review and comment. Include runoff from new parking areas.
2. You must amend your key map (reference K. Hammer 2-14-86 correction sheet) to reflect the new property and building.
3. Please take a look at the shoreline area adjacent to your new property. Can this be cleaned up as part of your new project? I would appreciate any suggestions you might have.
4. See attached comment from Seattle Eng. Dept. regarding truck staging areas. Please comment.



ANDREA BEATTY RINIKER  
Director



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

4350 - 150th Ave. N.E. • Redmond, Washington 98052-5301 • (206) 885-1900

May 2, 1986

Jeff Barnes  
Seattle Department of Construction and Land Use  
Room 408  
Municipal Building  
Seattle, WA. 98104

Dear Mr. Barnes:

Enclosed is a copy of the letter sent to Pioneer Construction Materials regarding the Department's inspection of their ~~fac~~ facility as well as a copy of the inspection report.

If you have questions or suggestions <sup>on the subject</sup> please contact Richard Koch at 885-1900.

Sincerely,

Richard Koch  
District Engineer  
Environmental Quality

encl

BP 10/15/86



ANDREA BEATTY RINIKER  
Director



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

4350 - 150th Ave. N.E. • Redmond, Washington 98052-5301 • (206) 885-1900

May 2, 1986

Mr. Ron Summers  
Pioneer Construction Materials Co.  
5975 E. Marginal Way

Dear Mr. Summers:

The Department of Ecology conducted an inspection of your facility to determine if an NPDES, National Pollutant Discharge Elimination System, permit would be necessary.

Runoff from various hoses and potentially rain water has the opportunity to carry cement dust and fines from the sand to the Duwamish River. If the run off can be eliminated or directed to the collection system a NPDES permit can be avoided.

One discharge of pollutants is at the drain holes under the concrete work area where excess concrete from returning trucks is poured into blocks. A second is at a low spot in the roadway in front of the laborers dry shack that drains by way of a swale to the river. At the time a truck was being washed there and Bob Tea instructed the driver to move on to the regular truck wash area. Bob also instructed a laborer to remove the hose to avoid a repetition of the incident. These problems can be remedied to eliminate a discharge to the river.

There is also a small catch basin by the office building and a catch basin at the truck maintenance shop. At the time of the inspection four drums of muriatic acid were standing approximately 30 feet from the catch basin. A hose in one of the drums indicated that acid transfers were taking place at that location. To avoid the chance of a spill of acid to the river, permit conditions typically require a curb around acid or waste oil drum storage areas. Additionally, so that rain doesn't wash a spill or leak over the curb to drainage a roof is also required. If the catch basins on your property can be piped to the truck wash collection system that would be adequate. If not, the NPDES permit would still be necessary. For pollutants such as solvents, oils or acids management practices would be negotiated as part of the permit process. The management practices are intended to control the use of potential pollutants to prevent their entry into waters of the state.



Pioneer Construction Materials  
May 2, 1986  
page 2

A NPDES permit application is enclosed along with a draft of the fee schedule for the NPDES permit. Please fill out the application form within 30 days and return two signed copies of the form to this office.

In accordance with Chapter 43.21 RCW, the Department of Ecology gave notice of its intention to adopt a proposed Wastewater Discharge Permit Fee Regulation, Chapter 173-222 WAC. Applicants will be notified of the fee assessed for the processing of NPDES permits. A draft fee schedule is enclosed for your information. A \$100.00 nonrefundable deposit is to accompany the NPDES permit application.

If you have any questions regarding the permit application please call Richard Koch at 885-1900.

Sincerely

Richard Koch  
District Engineer  
Environmental Quality

encl  
cc: Jeff Barnes



DEPARTMENT OF ECOLOGY  
INSPECTION REPORT

TO: Files, G. Brugger  
DATE OF VISIT: 5/1/86  
NEW INDUSTRY: YES

INSPECTOR: Richard Koch  
PERMIT NO: WA-none-0  
PERMIT EXPIRES: NA

TYPE OF INSPECTION

PERMIT APPLICATION \_\_\_\_\_  
PERMIT RENEWAL \_\_\_\_\_  
PERMIT COMPLIANCE \_\_\_\_\_

COMPLAINT \_\_\_\_\_  
ENFORCEMENT \_\_\_\_\_  
DROP IN XX

FACILITY: PIONEER CONSTRUCTION MATERIAL CO.  
DIVISION OF RIEDEL INTERNATIONAL

ADDRESS: 5975 E. MARGINAL WAY

CITY: Seattle ZIP: 98134 COUNTY: King PH.NO. 764-3000

PERSON CONTACTED: RON SUMMERS, BOB TEA, DARREL HARMON

TYPE OF FACILITY: READY MIX CONCRETE

RECEIVING WATER: DUWAMISH RIVER

TYPE OF TREATMENT SYSTEM: RECYCLE TRUCK WASH WATER

OPERATION Satis XX Fair XX Unsatis \_\_\_\_\_

Does comply with permit conditions: NA

DESCRIPTION: Plant mixes ready mix concrete. Excess concrete returning in trucks is poured into forms for blocks 2'x2'x5' approx. Trucks generally wash out in an area that drains to a collection trough. The slurry of wash water and solids is then pumped to a tank and reused for mixing concrete. When the system is down the slurry tank sediments are cleaned out and stored for recycling in a area that drains to the collection trough.

Sand and gravel arrive by barge and unloaded by a loader and conveyor system. Sand and gravel are stored in open three sided bins. The bins are open to the roadway and fines can be washed out. The cement is stored in closed silos equipped with bag houses.

There are two maintenance areas, The older at the back has a concrete floor and sill. Oil and solvents stored inside would not therefor enter the water. There is an above ground waste oil tank outside which is to be taken out of service and placed in the warehouse. The second service area is at the front with fueling pumps.

PROBLEMS: Run off control: Being a construction materials yard it is dirty. In the area where excess concrete is poured into blocks, drain holes run under the concrete deck discharging to the river. In the area of the laborers dry shack a hose was available for truck drivers to wash trucks as happened during the inspection. The hose was removed. However the connection is still there and it is a low area which drains to the river. This low area is opposite the sand and gravel storage area. Installing a curb was discussed with Bob Tea.

Barrells: There were a few used drums and two buckets on the concrete deck forming the laborers dry area. The stain on the concrete indicated



Pioneer Inspection Report

5/1/86

Page 2

that at times oil has been spilled there. A laborer was instructed by Bob to move the drums for pick up. There was also a damaged drum in the back barge area used by Kaiser. A laborer was told to move that one also. Empty drums have been collected by the truck maintenance shop for removal this week. Maintenance foreman, Darryl, produced time cards of the previous week showing that they have been collecting and emptying the drums into a single waste oil drum for disposal.

There were four barrels of muriatic acid in the open on concrete approximately 30 ft. from a catch basin. The hose in one indicated acid with drawals were taking place in that location. Bob Tea was informed that such drums should be under cover and behind a curb.

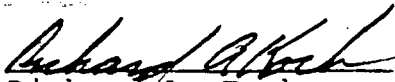
Other: A Notice of Proposed Land Use Action shoreline permit No. 8600636 is posted. The old maintenance shops at the back of the property are to be removed and the concrete batching operation is to be renovated.

The pending period of new construction is a good opportunity to remedy the property's runoff control problems. The area needing corrective measure is not large. The pending construction is likely why they have recently made a good effort to clean up barrels.

FOLLOW UP: 1. Letter to Pioneer

2. Obtain copy of shoreline permit #8600636

3. Send NPDES permit application and point out a closed water system has advantages

*permitted writer*  
*Jeff Barnes-625-4509*  
  
Richard A. Koch  
District San. Eng. 2



PIONEER  
Const. Materials  
PHOTO No. \_\_\_\_\_

DATE: 5-1-86

TIME: 10:00

TAKEN BY:  
R. Koch

WITNESS: \_\_\_\_\_

FILM: Kodak 41  
200

CAMERA:  
Canon Sureshot

DESCRIPTION:

Truck wash  
waste water

& slurry screw pump

COMMENTS: ready mix concrete trucks are washed  
and waste washed into a collection trough

PIONEER

PHOTO No. 2

DATE: 5-1-86

TIME: 10:03

TAKEN BY:  
R. Koch

WITNESS: \_\_\_\_\_

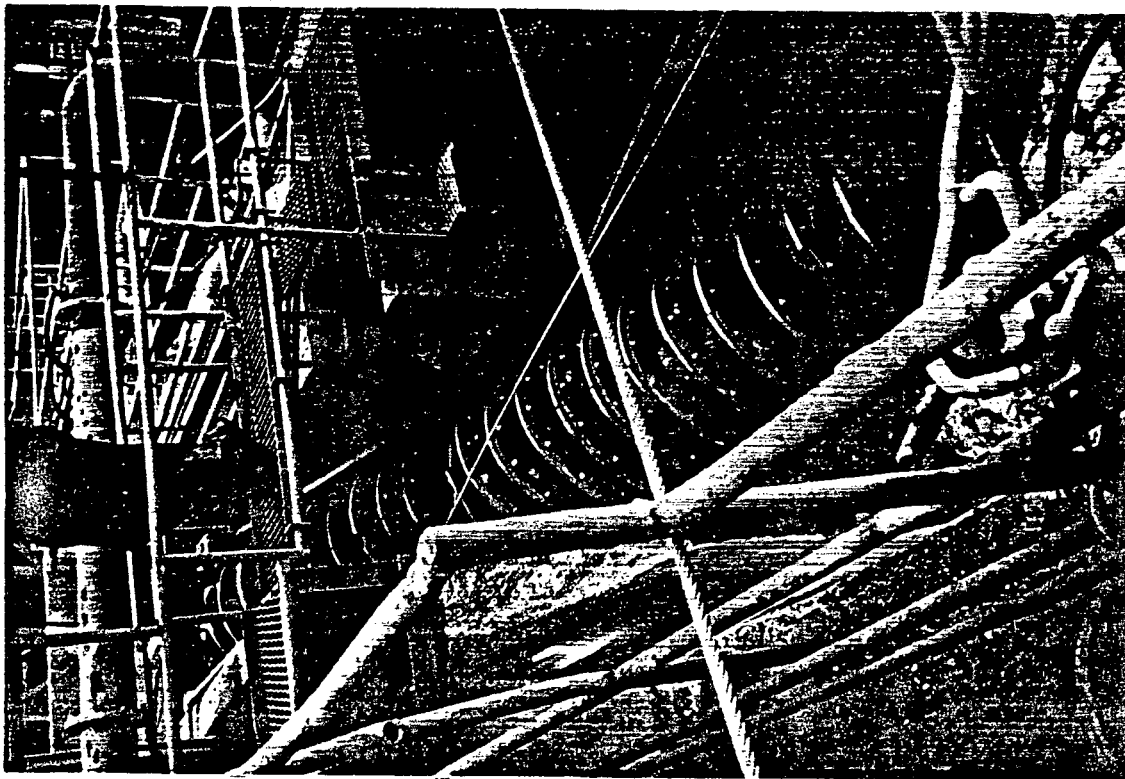
FILM: Kodak 41  
200

CAMERA:  
Canon Sureshot

DESCRIPTION:

Truck wash  
area

Collection trough on left





PIONEER  
Const. Materials  
PHOTO No. 3

DATE: 5-1-86

TIME: 10:05

TAKEN BY:  
R. Koch

WITNESS:

FILM: Kodak  
200

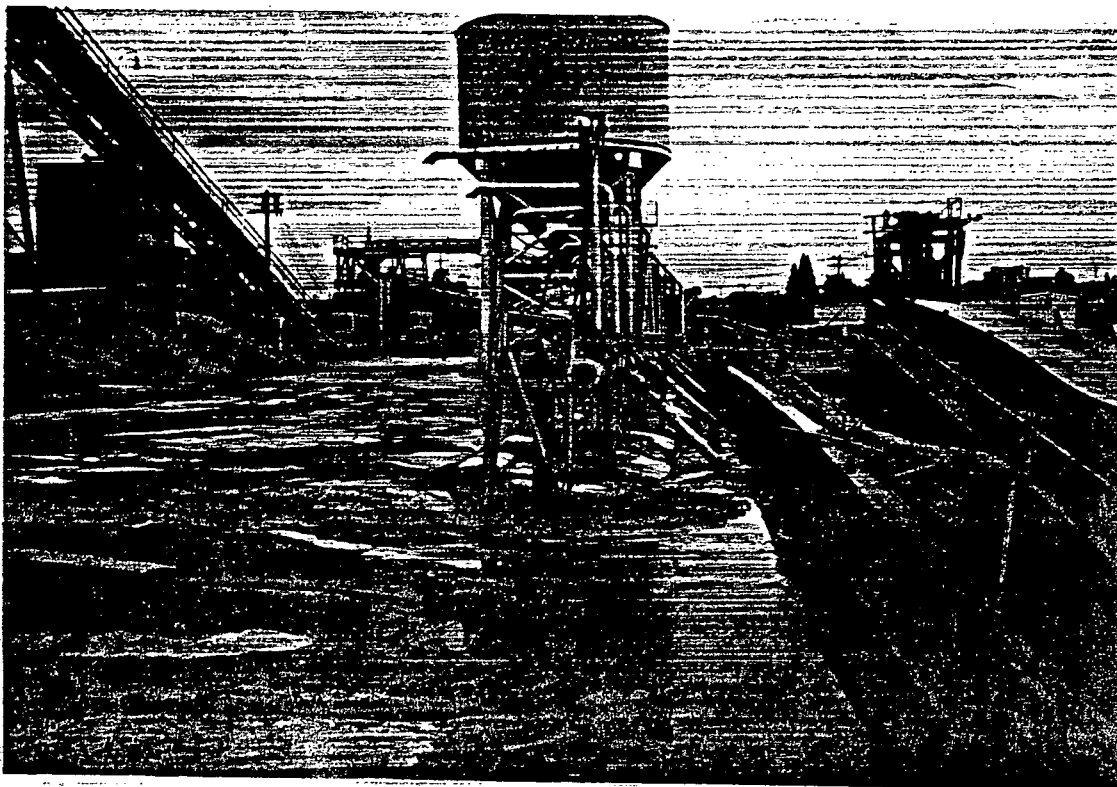
CAMERA:  
Canon Sureshot

DESCRIPTION:

Truckwash  
area

Collection channel

COMMENTS:



PIONEER

PHOTO No. 4

DATE: 5-1-86

TIME: 10:07

TAKEN BY:  
R. Koch

WITNESS:

FILM: Kodak  
200

CAMERA:  
Canon Sureshot

DESCRIPTION:

Collection  
System

Pond





PIONEER  
Const. Materials  
PHOTO No. 5

DATE: 5-1-86

TIME: 10:10

TAKEN BY:  
R. Koch

WITNESS:

FILM: Kodak 41  
200

CAMERA:  
Canon Sureshot

DESCRIPTION:

low area  
water follows

curbing to top of bank and to the Duwamish

COMMENTS:



PIONEER

PHOTO No. 6

DATE: 5-1-86

TIME: 10:12

TAKEN BY:  
R. Koch

WITNESS:

FILM: Kodak 41  
200

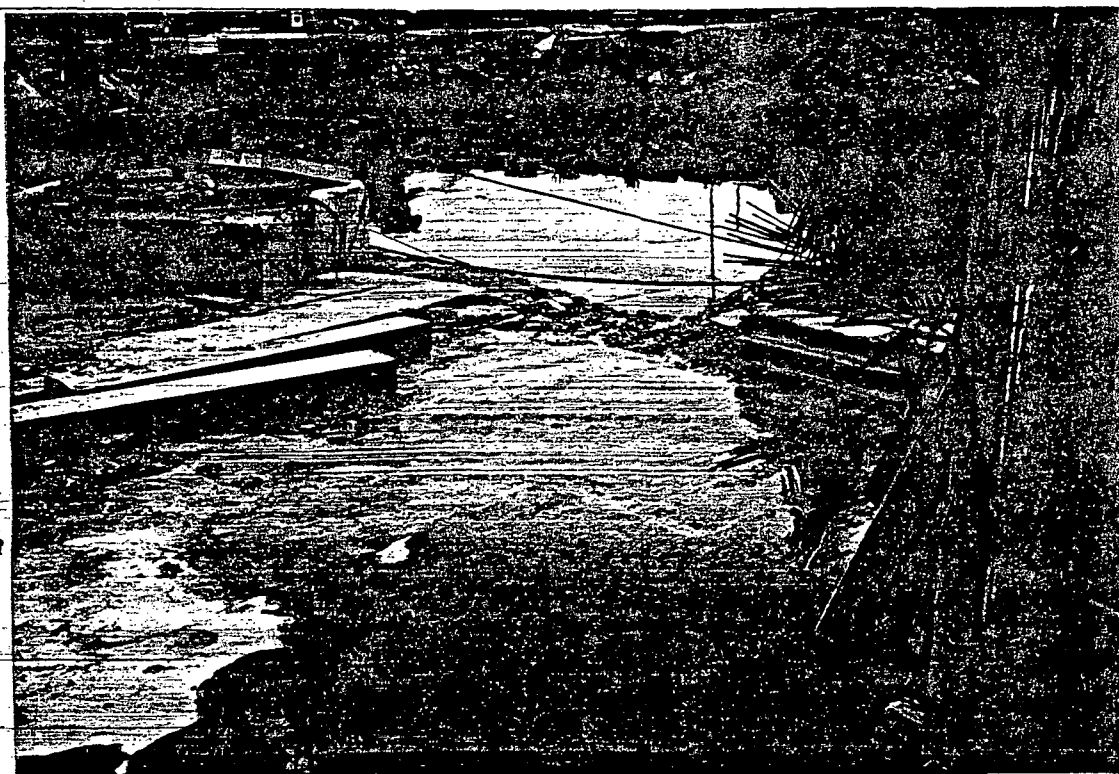
CAMERA:  
Canon Sureshot

DESCRIPTION:

low spot

draining to

slip of Duwamish





PIONEER  
Const. Materials  
PHOTO NO. 7

DATE: 5-1-86

TIME: 10:13

TAKEN BY:  
R. Koch

WITNESS:

FILM: Kodak 4  
200

CAMERA:  
Canon Sureshot

DESCRIPTION:

Drain holes

under conc.

deck, drains to Duwamish.

COMMENTS: Concrete poured into blocks. Some concrete  
dumped on road way.



PIONEER

PHOTO NO. 8

DATE: 5-1-86

TIME: 10:45

TAKEN BY:  
R. Koch

WITNESS:

FILM: Kodak 4  
200

CAMERA:  
Canon Sureshot

DESCRIPTION:

Concrete

Blocks poured

drain hole to river





PIONEER  
Const. Mater. Co.  
PHOTO No. 9

DATE: 5-1-86

TIME: 10:20

TAKEN BY:

R. Koch

WITNESS:

FILM: Kodak 16  
200

CAMERA:

Canon Sureshot

DESCRIPTION:

4 drums of  
Muriatic

acid and drain next to truck

COMMENTS:



PIONEER

PHOTO No. 10

DATE: 5-1-86

TIME: 10:20

TAKEN BY:

R. Koch

WITNESS:

FILM: Kodak 16  
200

CAMERA:

Canon Sureshot

DESCRIPTION:

4 drums of  
Muriatic  
acid

COMMENTS:

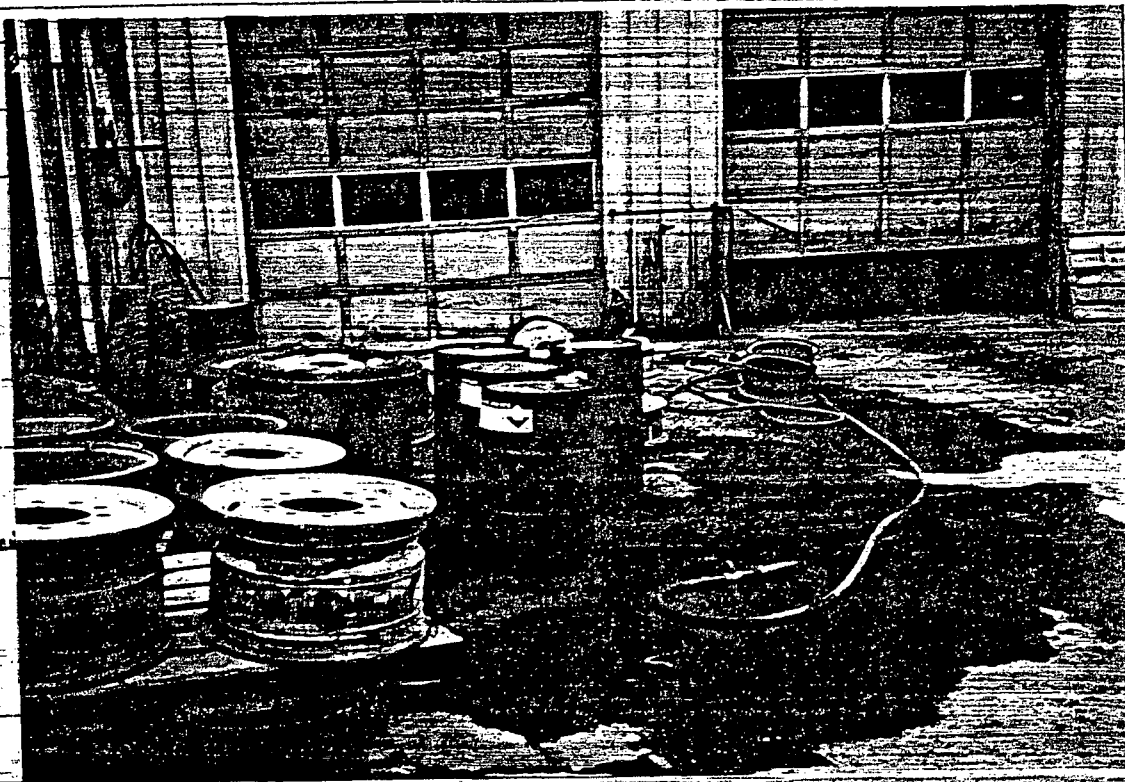




PHOTO No. 1

DATE: 17 October 1985

TIME: —

TAKEN BY:  
Rene Fuentes - EPA

WITNESS:  
Julie Sellick - DOE

FILM: —

CAMERA:  
Minolta

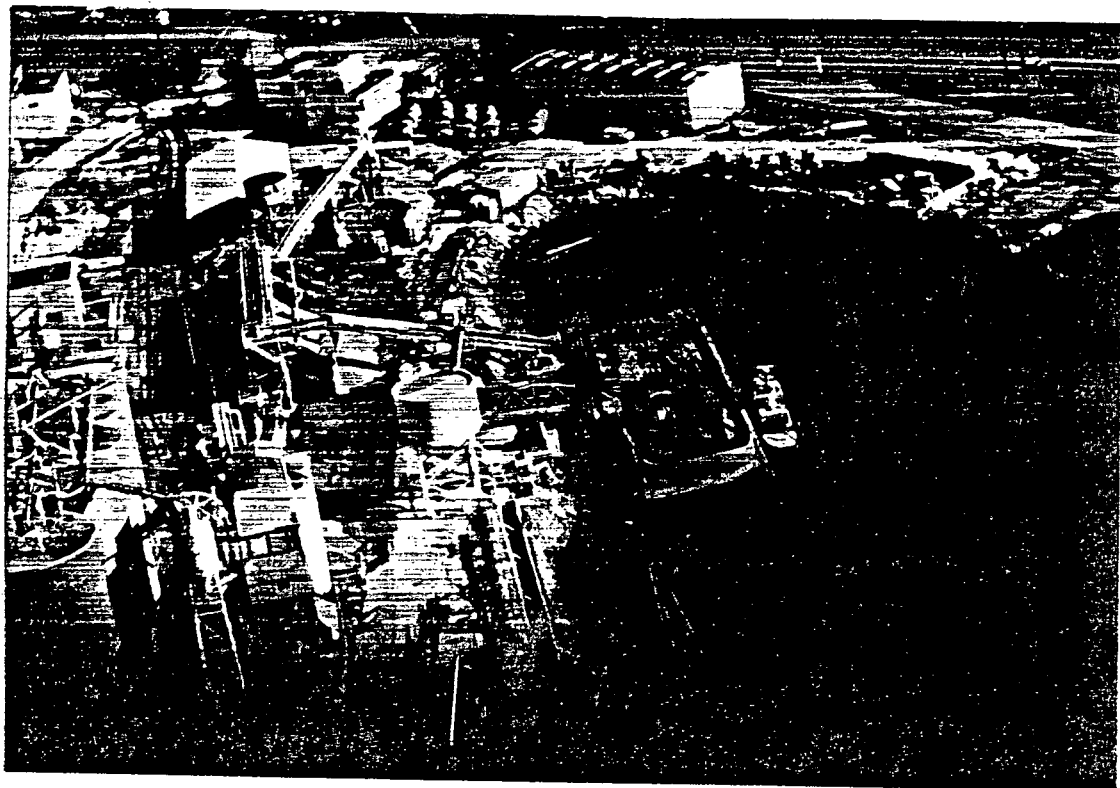
DESCRIPTION:

Looking east at

Slip No. 2 - Glacier

Sand & Gravel Co 5975 E. Marginal Way S.

COMMENTS: Note discoloration of water along north side of slip



Nothing Follows.

PHOTO No. —

DATE: —

TIME: —

TAKEN BY: —

WITNESS: —

FILM: —

CAMERA: —

DESCRIPTION:

COMMENTS: —





U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGION 10  
1200 SIXTH AVENUE  
SEATTLE, WASHINGTON 98101

NOV 12 1985

*Never got  
around to  
checking it out  
DRC*

REPLY TO M/S 329  
ATTN OF:

Dan Cargill  
Washington Department of Ecology  
4350 150th Avenue, N.E.  
Redmond, Washington 98052

Dear Mr. Cargill:

On October 17, 1985, while on an inspection flight with Julie Sellick (WDOE), I witnessed what appeared to be a sediment discharge plume coming from a construction materials operation on the east side of the Duwamish Waterway near the north side of Boeing Field. I photographed the site using Carrie Adams' (EPA) camera and she has the photograph available for your use.

You may contact Carrie at 442-2806 or me at 442-1599 for further information.

Sincerely,

Rene Fuentes  
Hydrogeologist

RECEIVED  
NOV 14 1985

DEPT. OF ECOLOGY  
REGION 10





ENVIRONMENTAL COMPLAINT REPORT FORM

1. Complaint No. \_\_\_\_\_  
2. Date of Complaint 10/22/85  
3. Date of Investigation 10/22

I. COMPLAINT REPORTED BY

Name Penae County - EPA

Phone No. 442-1599

Address 1200 6th Ave S. Seattle

Date and time complaint first noted \_\_\_\_\_

Other information \_\_\_\_\_

II. LOCATION:

4. Watercourse East side of West Hurling Duwamish River

5. Region: ☐ Northwest ☐ Southwest ☐ Central ☐ Eastern

6. District: (1) \_\_\_\_\_ (2) \_\_\_\_\_

7. County and Town \_\_\_\_\_

7a. Legal \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

III. POLLUTANT:

8. Pollutant Source Slip No 2

9. Material Sand?

10. Quantity unk

Area or miles affected \_\_\_\_\_

(If dead or dying fish are visible, fill out Nos. X, XI and XII.)

IV. RESPONSIBILITY:

11. Person or Entity: Name Glacier Sand & Gravel Co. Phone No. 764-3000

Address 5975 S. Marginal way S.  
Seattle WA.

Violator: ☐ Confirmed ☐ Suspected ☐ Unknown

V. CAUSE:

12. Brief Description: White on overfly - had just taken  
off from Boeing field - stated what looked like  
white a flame plume on slip extending from  
NE End.



**VI. CLASSIFICATION:**

13. Source: ☐ Ground Water ☐ Surface Water ☐ Flood Control ☐ Shoreline

14. Permit Involved: ☐ Yes ☐ No

15. If Yes, Type and Number

**VII. COMPLAINT RECEIVED BY:**

Name D. R. Cargill

Time and date 22 October 1985

**VIII. COMPLAINT INVESTIGATED BY:**

Name D. R. Cargill

Action Taken:

**IX. MISCELLANEOUS:**

Were pictures taken? ☒ Yes ☐ No Were samples taken? ☐ Yes ☒ No

Individuals and agencies notified

Witnesses:

Name

Address

Name

Address

Attachments

**X. FISH KILL**

Estimated number of dead fish \_\_\_\_\_ Estimated percent scrapfish \_\_\_\_\_

Predominant species and size \_\_\_\_\_

**XI. SUSPECTED AGENT OR REASON FOR KILL**

Agent

Describe effects

Action taken

**XII. ADDITIONAL INFORMATION:**



City of Seattle  
Department of  
Construction and Land Use



Jim Barnes  
Land Use Specialist

402 Municipal Building

(206) 625-4509  
Seattle, Washington 98104